

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	14006	(franked or franking or mailing or postage or frank or mail or ship or shipping or tax) near5 (token or indicia or indicium or imprint or imprinting or impression or inpression or inprinting or inprint or postmarking or postmark or marking or mark or stamping or stamped or stamp or image)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:16
2	BRS	L2	79251	(franked or franking or mailing or postage or frank or mail or ship or shipping or tax or token or indicia or indicium or imprint or imprinting or impression or inpression or inprinting or inprint or postmarking or postmark or marking or mark or stamping or stamped or stamp or image) near5 (labeling or labeled or label or tape or strip)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:16
3	BRS	L3	170849	(franked or franking or mailing or postage or frank or mail or ship or shipping or tax or token or indicia or indicium or imprint or imprinting or impression or inpression or inprinting or inprint or postmarking or postmark or marking or mark or stamping or stamped or stamp or image) near5 (change or changeable or changed or changing or variable or alter or altering or altered or modify or modifying or modified)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:16

	Type	L #	Hits	Search Text	DBs	Time Stamp
4	BRS	L4	77961	(franked or franking or mailing or postage or frank or mail or ship or shipping or tax or token or indicia or indicium or imprint or imprinting or impression or inpression or inprinting or inprint or postmarking or postmark or marking or mark or stamping or stamped or stamp or image) near5 (unchange or unchanged or fixed or unchanging or invariable)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:16
5	BRS	L5	5073	3 same 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:17
6	BRS	L6	19997	3 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:17
7	BRS	L7	8267	3 near5 (print or printed or printing or preprinting or preprinted)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:17
8	BRS	L8	3429	4 near5 (print or printed or printing or preprinting or preprinted)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:17
9	BRS	L9	220	7 same 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:18
10	BRS	L10	481	7 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:18

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	132	2 and (5 or 6) and (9 or 10) <i>Scanned Ti, Ab, Kwic all</i>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:20
12	BRS	L12	238074	(lottery or ticket or pass) near5 (online or line or link or communication or lan or wan or internet or intranet or web or www or net or network)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:21
13	BRS	L13	921	12 near5 (buy or buying or bought or purchase or purchased or purchasing or sell or sold or selling)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:21
14	BRS	L14	13439	(money or fund or funds or pay or payment or paying or paid) near5 (transfer or transferring or transferred or wire or wired or wiring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:21
15	BRS	L15	17424	(token or indicia or indicium or imprint or imprinting or impression or inpression or inprinting or inprint or marking or mark or stamping or stamped or stamp or image) near5 (buy or buying or bought or purchase or purchased or purchasing or sell or sold or selling or money or fund or funds or pay or payment or paying or paid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:21
16	BRS	L16	28	12 and 13 and 14 and 15 <i>Scanned Ti, Ab, Kwic all</i>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:22
17	BRS	L19	56	1 near5 (fluorescent or glow or glowing) <i>Scanned Ti, Ab, Kwic all</i>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/17 16:28

	Document ID	Issue Date	Inventor	Current OR	Current XRef	Pages
1	EP 376576 A	19900704	GILHAM, D T			10
2	EP 172561 A	19860226	CALVI, S et al.			8
3	FR 2646943 A3	19901116	AUGUIN, DENIS et al.		705/400; 705/FOR.100	15
4	US 6347794 B1	20020219	Scrymgeour, Lyle Harold et al.	273/138.1	273/139	14
5	US 6234477 B1	20010522	Scrymgeour, Lyle Harold et al.	273/139	273/138.1; 283/100; 283/85; 283/903; 283/94	16
6	US 6188996 B1	20010213	Sansone, Ronald P.	705/408		12
7	US 6145885 A	20001114	Scrymgeour, Lyle Harold et al.	283/94	283/903	12
8	US 5894792 A	19990420	Heinrich, Klaus et al.	101/91		7
9	US 5848401 A	19981208	Goldberg, Robert M. et al.	705/408	101/71; 283/71; 346/143; 347/109; 347/2	15
10	US 5734723 A	19980331	Windel, Harald et al.	380/55	380/51; 382/101; 382/184	43

L11 results

	Document ID	Issue Date	Inventor	Current OR	Current XRef	Pages
11	US 5712916 A	19980127	Windel, Harald et al.	380/51	380/55; 705/405; 705/408	44
12	US 5680463 A	19971021	Windel, Harald et al.	380/51	705/401	44
13	US 5471925 A	19951205	Heinrich, Klaus et al.	101/91	705/408; 705/410	8
14	US 5408416 A	19950418	Gilham, Dennis T.	705/406	101/71; 705/408	10
15	US 5038153 A	19910806	Liechti, Hans-Peter et al.	347/4	347/12	8
16	US 4979131 A	19901218	Suzuki, Michio	358/1.17		13
17	US 4673303 A	19870616	Sansone, Ronald P. et al.	347/103	101/425; 101/91; 346/21; 347/19; 347/2; 347/33; 347/4; 400/54; 400/695; 400/82	10
18	US 4580144 A	19860401	Calvi, Salvatore J.	347/171	101/109; 101/288; 101/93.07; 101/93.12; 219/469; 219/476; 235/101; 346/24; 347/212; 347/218; 400/82	8

111 results

	Document ID	Issue Date	Inventor	Current OR	Current XRef	Pages
1	US 6018724 A	200000125	Arent, Michael A.	705/44	705/39	25

L16 results

	Document ID	Issue Date	Inventor	Current OR	Current XRef	Pages
1	US 3027830 A	19620403	YAEGER VINCENT M	101/2	101/236; 209/3.2; 209/900; 250/223R; 250/363.01; 250/458.1; 250/566	29
2	US 6188996 B1	20010213	Sansone, Ronald P.	705/408		12
3	US 5554842 A	19960910	Connell, Richard A. et al.	235/491	106/31.32; 106/31.35; 106/31.64; 106/31.67; 106/31.75; 209/3.3; 209/584; 209/900; 235/487; 235/494; 283/92; 347/107; 524/258	8
4	US 5149139 A	19920922	Kaule, Wittich	283/70	283/71; 283/82; 283/83; 283/92; 283/94	5
5	US 5122967 A	19920616	Gilham, Dennis T.	700/235	221/71; 705/401	7

119 results

US-PAT-NO: 3027830

DOCUMENT-IDENTIFIER: US 3027830 A

TITLE: Recognition apparatus

----- KWIC -----OCR Scanned Text - LPAR (28): 27 distinctive outputs, and means operatively arranged to cancel each of only said phosphorescently tagged stamps in a response to a respective one of said second distinctive outputs. 11. An apparatus for operating upon pieces of letter mail each of which bears a stamp tagged with phosphorescent material, a stamp tagged with fluorescent material or no stamp tagged with either a phosphorescent or a fluorescent material; said apparatus comprising: scanning means; means for feeding said articles in one-by-one succession past said scanning means; excitation means, effective when energized, for exciting both the phosphorescently and the fluorescently tagged stamps; means operatively associated with said excitation means for energizing and then de-energizing the excitation means while each of said phosphorescently or fluorescently tagged stamps is adjacent said scanning means; first recognition means operatively associated with said scanning means for producing a first distinctive output in response only to the emission of light from said phosphorescently or fluorescently tagged stamps to said scanning means while said excitation source is energized; second recognition means operatively associated with said scanning means for producing a second distinctive output in response only to the after-glow emission of light from said phosphorescently tagged stamps to said scanning means while said excitation source is de-energized after being energized; stamp cancelling means located to cancel only said phosphorescently tagged stamps when said distinctive outputs are produced; and guide means for directing each respective one of said pieces of letter mail to a first location when one of said first distinctive outputs is produced and for directing each respective one of said pieces of letter mail to a second location when one of said first distinctive outputs is not produced. 3,027,830 12. An apparatus for operating upon pieces of letter mail each of which bears a stamp with phosphorescent material, a stamp tagged with fluorescent material or no stamp tagged with either a phosphorescent or fluorescent material, said apparatus comprising: scanning means; means for feeding said articles in one-by-one succession past said scanning means; excitation means, effective when energized, for exciting both the phosphorescently and the fluorescently tagged stamps; means operatively associated with said excitation means for energizing and then de-energizing the excitation means while each of said phosphorescently or fluorescently tagged stamps is adjacent said scanning means; first recognition means operatively associated with said scanning means for producing a first distinctive output in response only to the emission of light from said fluorescently tagged stamps to said scanning means while said excitation source is energized; second recognition means operatively associated with said scanning means for producing a second distinctive output in response only to the after-glow emission of light from said phosphorescently tagged stamps to said scanning means while said excitation source is de-energized after being energized; and guide means for directing each of said pieces of letter mail carrying a fluorescently tagged stamp to a first location in response to a respective one of said first distinctive outputs, for directing each of said pieces of letter mail carrying a phosphorescently tagged stamp to a second location in response to a respective one of said second distinctive outputs and for directing each of said pieces of letter mail carrying no fluorescently or phosphorescently tagged stamp to a third location in response to the absence of a respective one of said first or second distinctive outputs. 35 No references cited.

US-PAT-NO: 5122967

DOCUMENT-IDENTIFIER: US 5122967 A

TITLE: Postage stamp and dispensing system therefor

DATE-ISSUED: June 16, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gilham; Dennis T.	Brentwood	N/A	N/A	GB

US-CL-CURRENT: 700/235, 221/71 , 705/401

ABSTRACT: A postage stamp dispenser receives a cassette of postage tape which has marks along its length representing postage value. When a stamp is to be dispensed, the dispenser feeds a length of tape corresponding to the required postage value and prints information such as the postage value and date on the tape. The dispenser may mark the tape with a fluorescent stripe to assist cancellation equipment to locate the stamp. The tape is provided in lengths of known value and the dispenser may provide an indication of the value of tape remaining unused in the cassette.

9 Claims, 5 Drawing figures

Exemplary Claim Number: 9

Number of Drawing Sheets: 2

----- KWIC -----

Detailed Description Text - DETX (10): It will be appreciated that the marks 11 on the postage tape are provided in a secure manner in order to prevent or deter production of unauthorised forgeries of the postage tape. The marks may be formed as magnetic, optical or holographic recordings on a stripe of suitable material on the postage tape. In order to prevent re-use of the stamps issued by the dispenser, the Post Office would pass mail items bearing the stamps through a device to effect cancellation of the stamps. One form of secure holographic recording and erasure thereof is described in Eureka, Sep. 1983 pages 37, 38. To assist cancellation equipment of the Post Office to locate the stamp on the mail items, the tape may be marked, for example, with a fluorescent stripe 35 by inking means 36. The inking means 36 is preferably mechanically coupled with the guillotine 29 so that upon operation of the guillotine to sever the stamp, the inking means engages the stamp adjacent the trailing end thereof thereby ensuring that the stripe is located at a predetermined position relative to the end of the stamp.

US-PAT-NO: 5149139

DOCUMENT-IDENTIFIER: US 5149139 A

TITLE: Stamp such as a postage stamp and a method for producing it

DATE-ISSUED: September 22, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaule; Wittich	Emmering	N/A	N/A	DE

US-CL-CURRENT: 283/70, 283/71 , 283/82 , 283/83 , 283/92 , 283/94

ABSTRACT: Stamps such as postage stamps, fee stamps, etc., involve the problem of being machine testable with respect to their position on the carrier and their authenticity, and of assuring that they can only be used once. A stamp is proposed with characterizing printing thereon and an adhesive layer for attaching it to a carrier, said stamp containing a machine-testable marking material suitable for automatic processing, the marking material being provided in the adhesive layer.

10 Claims, 6 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 1

----- KWIC -----

Brief Summary Text - BSTX (4): To make it possible for a machine to detect the position of the postage stamp, paper, for example, containing a fluorescent substance is used to produce the postage stamp. This substance is either mixed directly into the paper pulp or applied to the paper by conventional coating methods. Methods for producing such fluorescent paper for postage stamps are disclosed in British Pat. No. 14 94 103 and German Pat. No. 11 81 537. The admixture of a fluorescent substance to the paper for postage stamps not only allows for machine processing but also serves to increase their protection against forgery.

US-PAT-NO: 5554842

DOCUMENT-IDENTIFIER: US 5554842 A

TITLE: Luminescent facing marks for enhanced postal indicia discrimination

DATE-ISSUED: September 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Connell; Richard A.	South Salem	NY	N/A	N/A
Sarada; Thyagaraj	Norwalk	CT	N/A	N/A
Bernard; Richard A.	Norwalk	CT	N/A	N/A

US-CL-CURRENT: 235/491, 106/31.32 , 106/31.35 , 106/31.64 , 106/31.67 , 106/31.75 , 209/3.3 , 209/584 , 209/900 , 235/487 , 235/494 , 283/92 , 347/107 , 524/258

ABSTRACT: A postal indicia is disclosed that contains markings thereon which may be used to distinguish between availability or non availability of additional security and sorting information. The foregoing will make the handling of the mail faster and more efficient. The ink that is used to print portions of the indicia is fluorescent for conventional indicia printing and fluorescent and phosphorescent for value added bit map generated printing.

14 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

----- KWIC -----

Brief Summary Text - BSTX (9): The United States Postal Service is currently selling stamps that have to been printed with a phosphorescent ink and accepting postal indicia that have been printed by a postage meter that uses fluorescent inks. Current fluorescent inks that are used in postage meters approved by the United States Postal Service contain a fluorescent ink that is excited by a 254 nm ultra violet light source that emits a fluorescent light in the orange to red region of the visible spectrum between 580 to 650 nm. Facer Cancellers are being used to cancel stamps that have been affixed to mail pieces and check whether or not the postal indicia are affixed to mail pieces.

Claims Text - CLTX (2): printing a portion of a postal indicia or the entire postal indicia on a mail piece with a ink that is fluorescent and phosphorescent; and

Claims Text - CLTX (5): distinguishing the mail piece in accordance with markings printed with the fluorescent ink that appear on portions of the indicia.

Claims Text - CLTX (11): 5. A facer canceller having a red fluorescent, red phosphorescent and green phosphorescent detectors, said facer canceller characterized by: that more than one of said detectors are simultaneously activated to register the presence of portions of a mailing indicia that was printed with a ink that is fluorescent when radiated with light having a wavelength of 254 nm and phosphorescent when radiated with light having a wavelength of 254 nm so that the facer canceller may read and use the portions of the mailing indicia printed with a ink that is fluorescent and phosphorescent to distinguish between availability or non availability of security information and sorting information.

Claims Text - CLTX (16): printing a postal indicia or a portion of a postal indicia with a ink that is fluorescent and phosphorescent on a mail piece;

US-PAT-NO: 6188996

DOCUMENT-IDENTIFIER: US 6188996 B1

TITLE: System for metering permit mail

DATE-ISSUED: February 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sansone; Ronald P.	Weston	CT	N/A	N/A

US-CL-CURRENT: 705/408

ABSTRACT: A permit mail metering system that preprints the non-variable portion of an indicia. The pre-printed portions may be printed with a fluorescent and phosphorescent ink, while other pre-printed portions may be printed using standard colored or black inks. Some variable printed portions may be printed with a fluorescent and phosphorescent ink, while other variable portions may be printed using standard colored or black non-luminescent inks.

25 Claims, 7 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

----- KWIC -----

Detailed Description Text - DETX (7): The United States Postal Service and other Postal Services are currently selling stamps that have been printed with phosphorescent inks. They also require and accept postal indicia that have been printed by a postage meter that uses fluorescent inks. Current fluorescent inks that are used in postage meters approved by the United States Postal Service contain a fluorescent ink that is excited by a 254 nm ultra violet light source that emits a fluorescent light in the orange to red region of the visible spectrum between 580 to 650 nm.

Detailed Description Text - DETX (11): A facer canceller will cancel a phosphorescent stamp, will not cancel a fluorescent postal indicia and will remove other mail pieces that do not have FIMs. A FIM is a specified special bar code used by the post office.